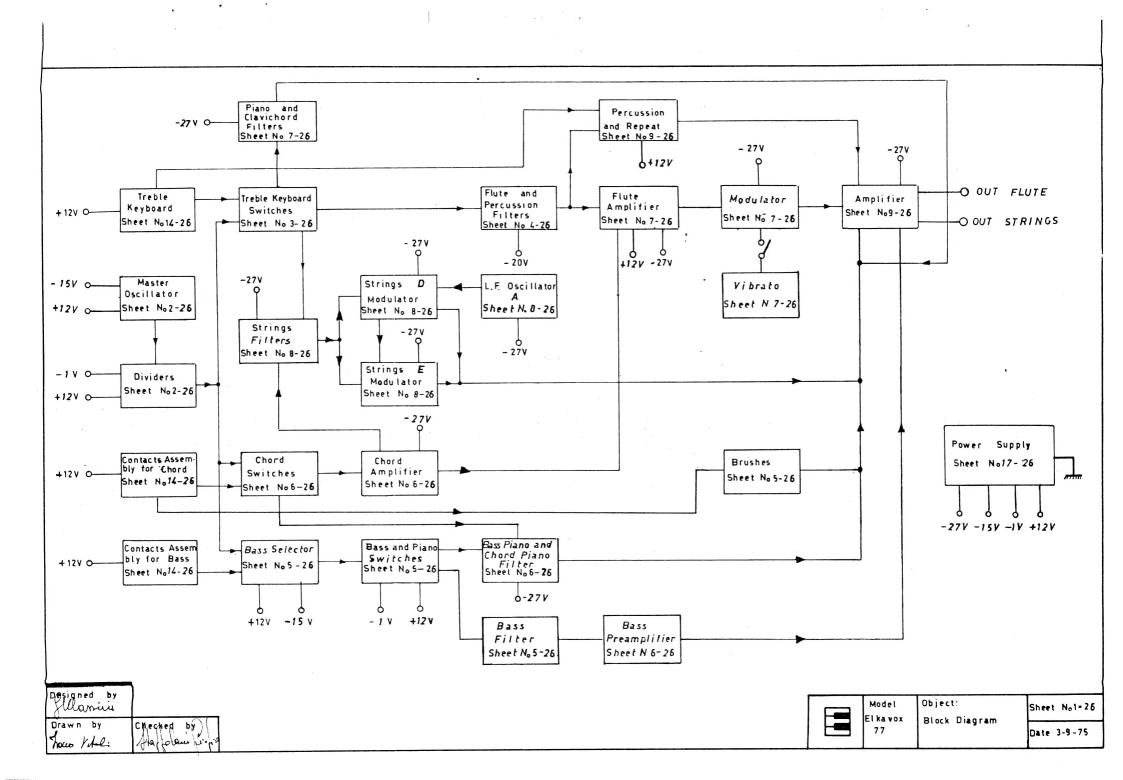
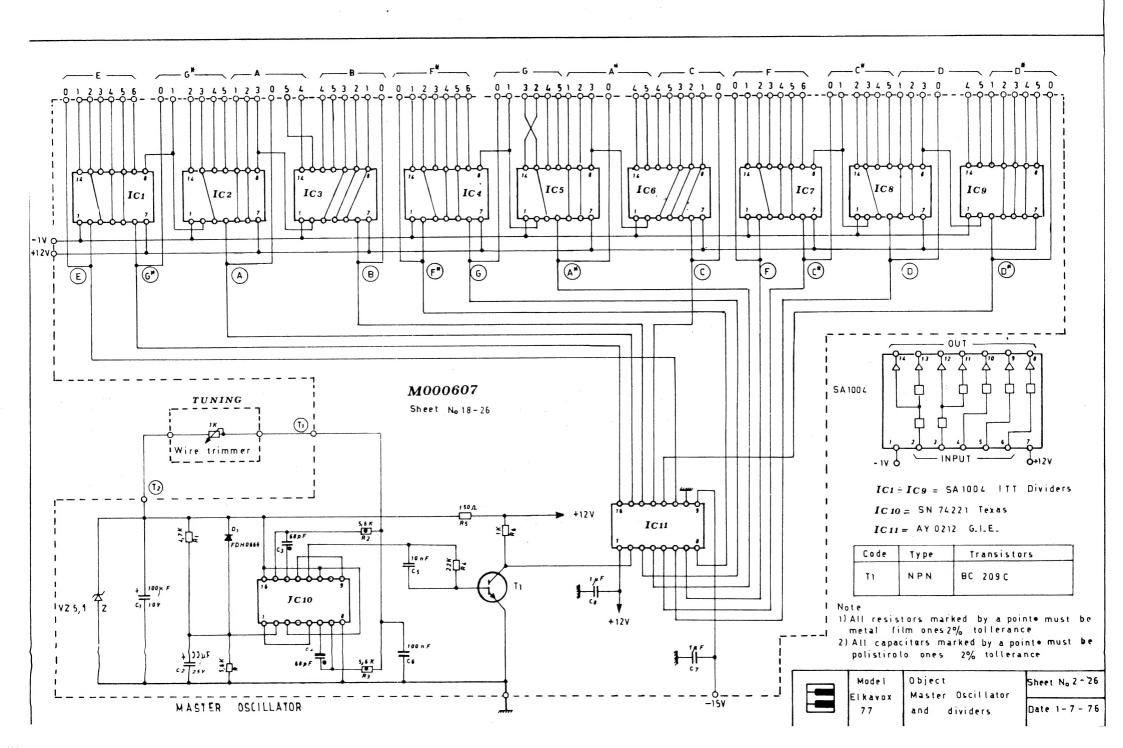
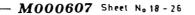
ELKA

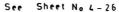
ELKAVOX 77

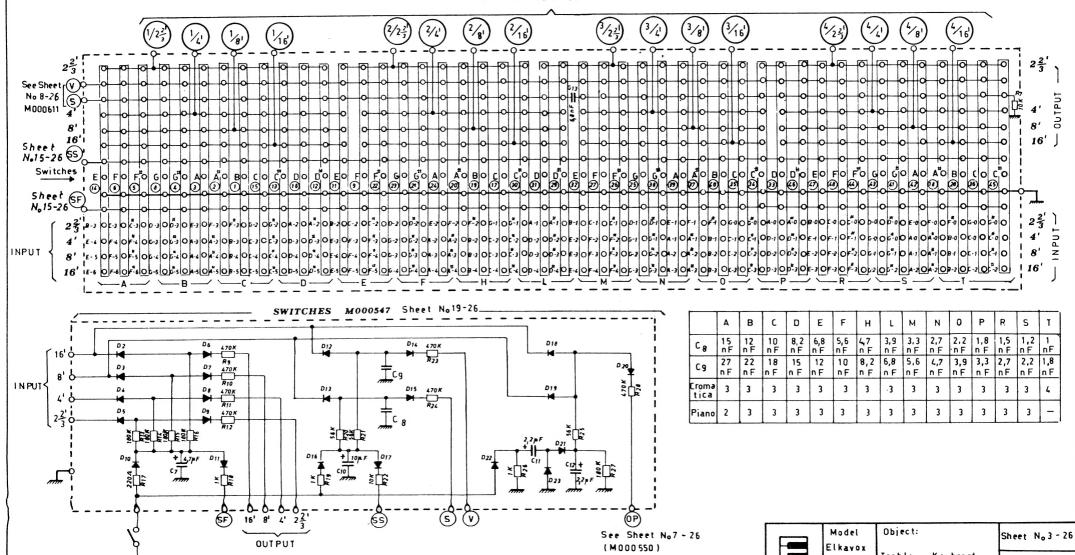
schematic diagrams







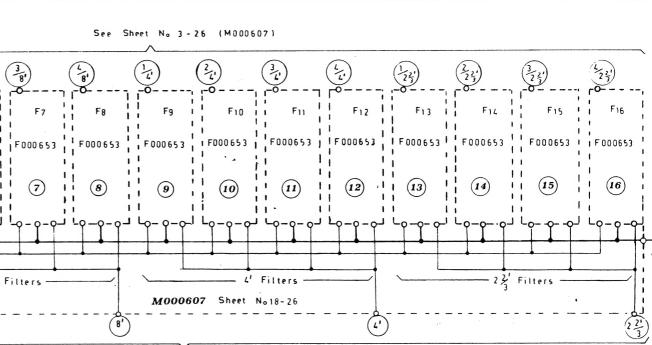




Keyboard

Date 1-7-76

Treble



All resistors marked by a point o must be carbon film ones

Object:

Flute Filters

Model

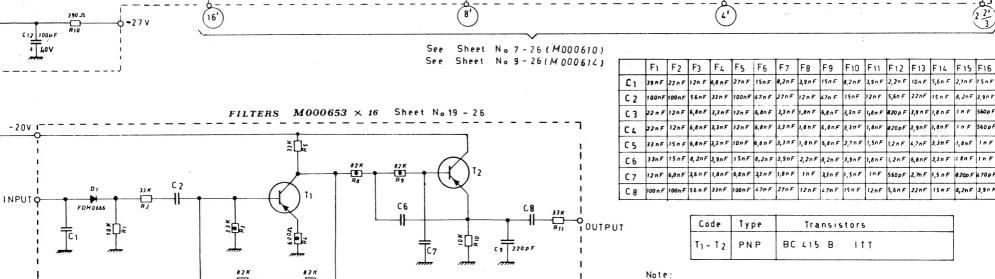
Elkavox

77

5% tollerance

Sheet No 4 - 26

Date 2 - 7 - 76



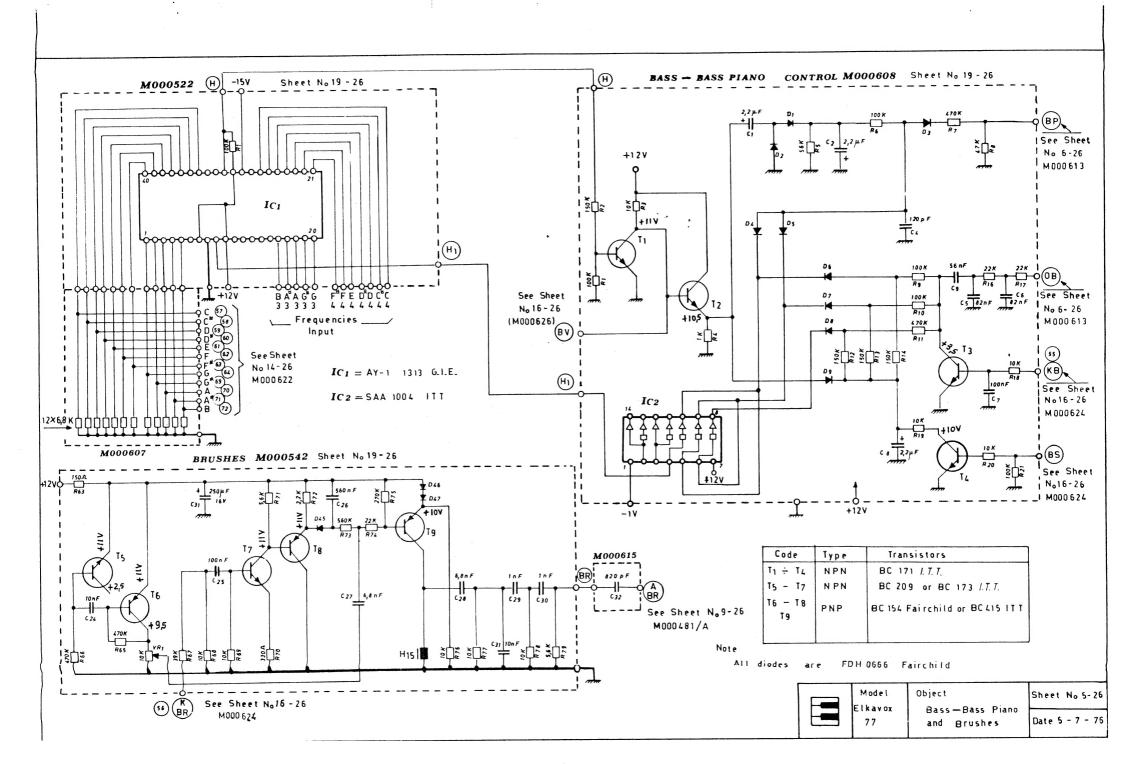
F000653 | F000653

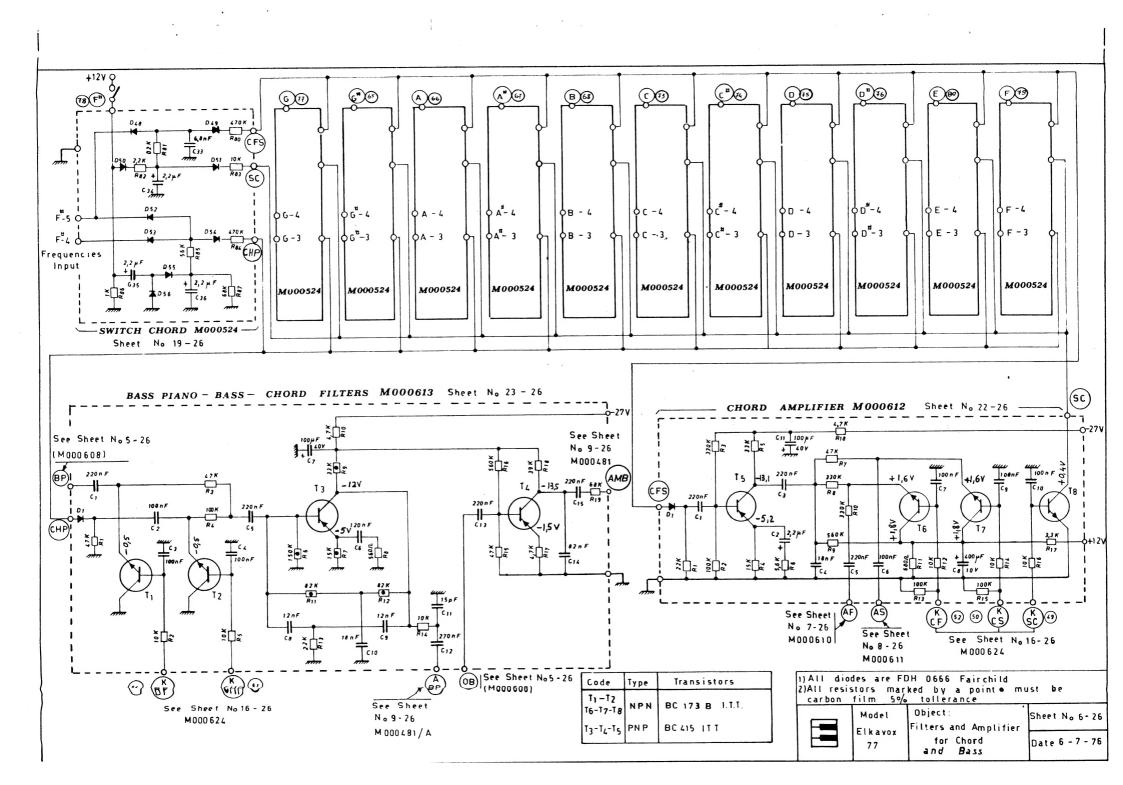
(1)

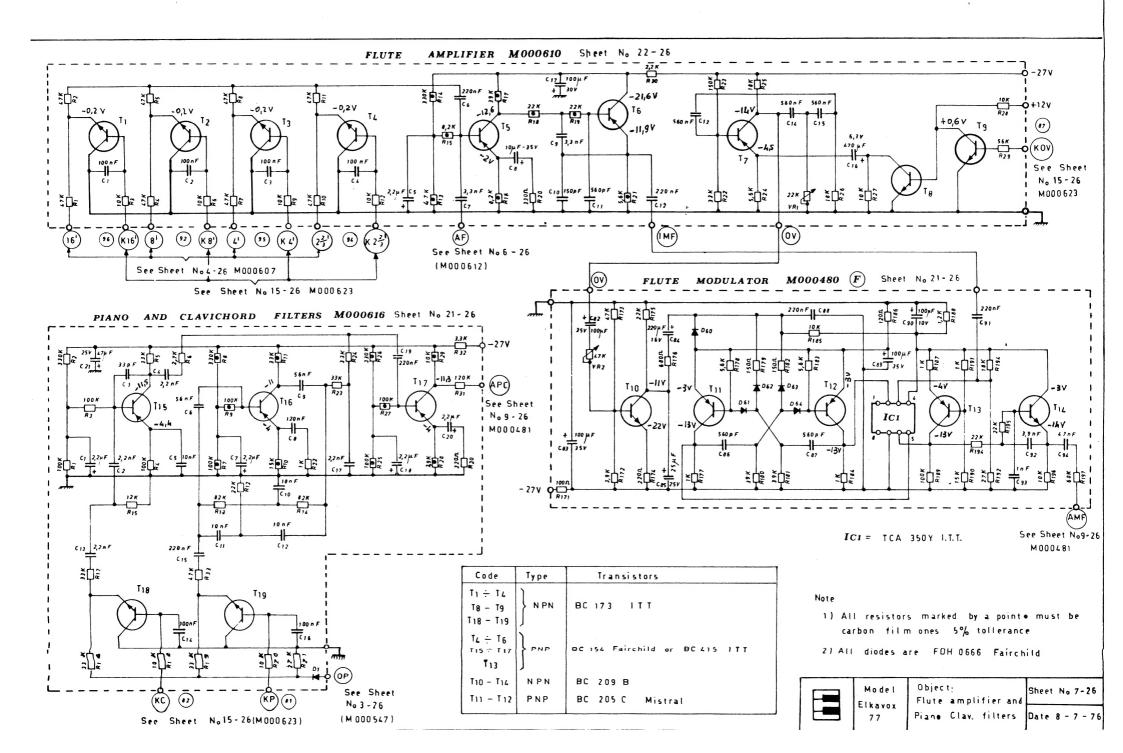
20V

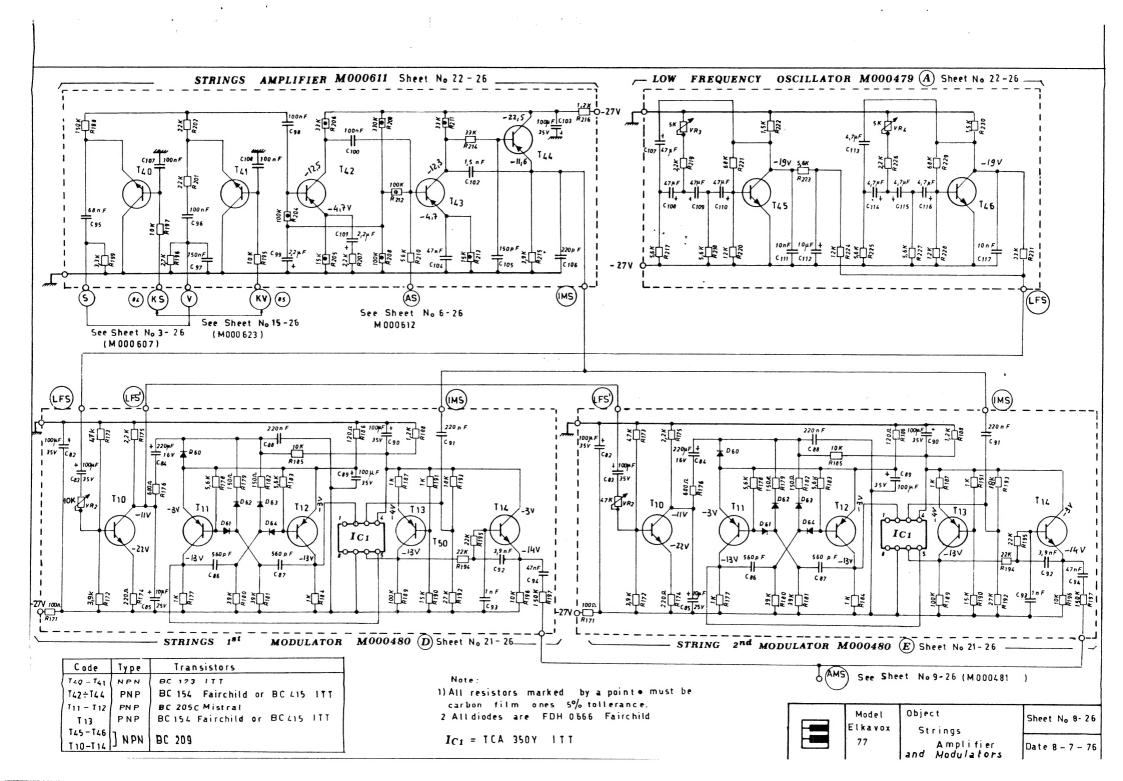
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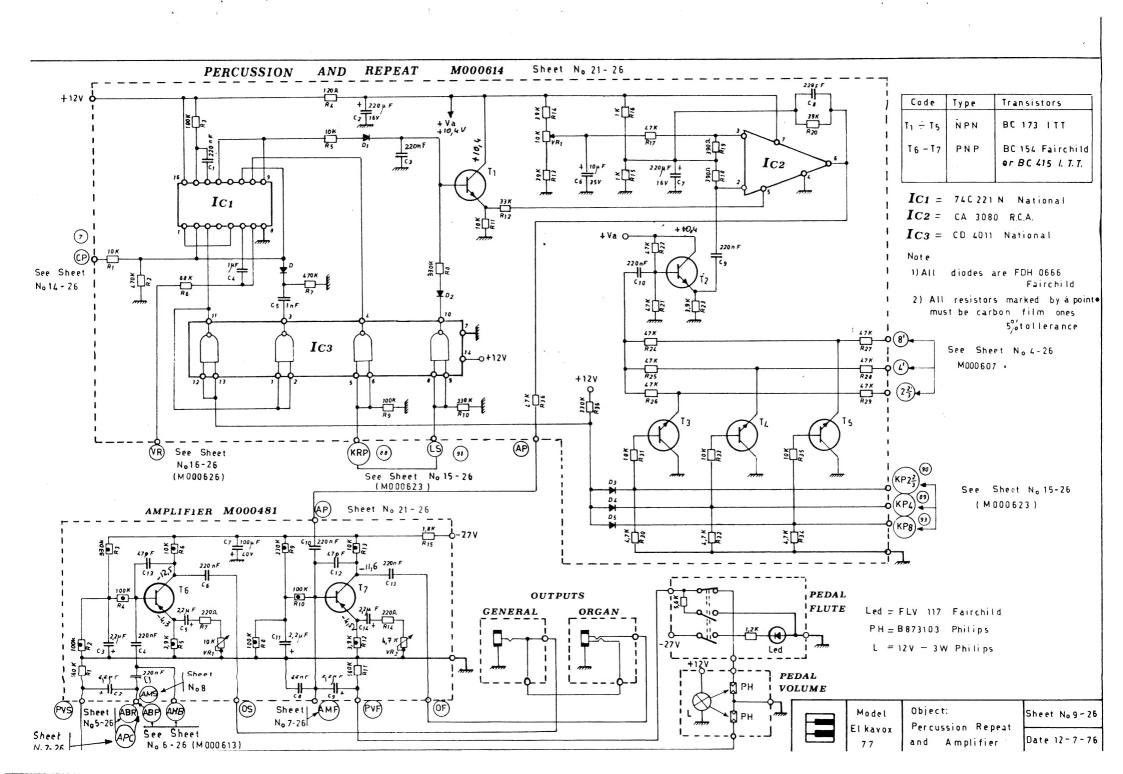
1F000653











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		NOTES			SY	STEM	NOTES				YST E M	NOTES			S	YSTEM	NOTES				SYSTEM	NO TE		
NOTE	Code asmitter P. C.	Code Receiver P. C.	Reference Integrated	Reference No in P. C.	NOTE	Code rasmitter P. C.	Code P. C.	leference ntegrated	Reference Noin P. C.	NOTE	Code Frasmitter P. C.	Code Receiver P. C.	Reference Integrated	Reference No in P. C.	NOTE	Code frasmitter P. C.	Code Receiver P. C.	Reference Integrated	Reference Noin P. C.	NOTE	Code Irasmitter P. C.	Code Receiver P. C.	Reference Integrated	Reference
F	M000621	M000620	A	6	Ε	M000657	M000620	В	14						Ε	M000654	M000620	В	14					1
	M000021	M 0 0 0 6 2 0	A	5	F	M 0 00657	M000620	Α	6	_					FW	M000 654	M000 620	A	5	F	M000656	M000620	A	6
G	M000621	M000620	Α	8	F#		M 000620	Α	5	Ε	M 000655	M 000 620	В	14	F	M000654	M000620	A	6	Ε	M000656	M000620	В	14
	M000621	M000620	A	4	G		M000620	A	8	F	M 000 655	M000620	Α	6	G	M000654	M000620	A	8	FM	1	M000620	A	5
	M000621	M000620	Α	3	A	M000657	M 000 620	Α	3	G	The second secon	M000620	A	8	G **	M000654	M000620	A	4	G	M000 656	M000620	A	8
	M000621	M000620	Α	2	G #	M000 657	M 000 620	Α	4	F¤	M000655	M000620	·A	5	Α	M000654	M000620	A	3	G tr	M000656	M000620	A	4
В	M000621	M000620	A	1	A¤		M000620	A	2	6#		M 000620	Α	4	A**	M000654	M000620	A	2	Α	M000656		A	3
_					В	M 000 657	M 000 620	Α	1	Α	M000655	M 000620	A	3	С	M000654	M000620	В	15	В	M000656	M000620	A	1
c	M000621	MÓ00620	В	15	С		M000620	В	15	A#		M000620	Α	2	В	M 00 0654	M000620	A	1	A#	M000656	M000620	A	2
		M000620	В	13	C#		M000620	В	13	В		M000620	Α	1	CH	M000654	M000620	В	13	С	M000656	M000620	В	1!
0		M000620	В	16	D.*	M 000 657	M000620	В	12	C #	M000655	M000620	8	13	D	M000654	M000 620	В	16	C#	M000656	M000620	8	1:
		M000620	В	12	D	M 0 0 0 657	M000620	В	16	C		M 000620	В	15	D*	M000654	M000620	В	12	D	M000 656	M000620	В	10
+		M000620	В	11	Ε	M000657	M000620	В	11	D	 	M000620	В	16	E	M000654	M000620	В	11	D*	M000656		В	1
	14 000021	1.1000020	-	<u> </u>	F	M000657	M 000 620	В	9	D*	M 000 655	M000620	8	12	F	M000654	M000620	С	22	F	M000656		В	9
F	M000621	M000620	В	9	FH		M000 62 0	c	22	E	M 000 655		В	11	F			В	9	Ε	M000 656		В	1
F#		M000620	С	22	G		M000620	C	23	F	M 000 655		B	9	G	M000654	M000620	c	23	F		M000620	С	2
		The second second second	c	23	Ā		M000620	c	24	G		M000620	C	23	G#	M000654	M000620	С	21	G	M000 656		С	Z
5 5 #	M000621		c	21	GW		M000620	c	21	F#		M000620	С	22	Ā		M 000620	c	24	G#	4	M000620	C	1 2
	M000621	1	c	24	A B	M 000657	M000620	С	20	G#	M000655		C	21	A*	M000654	M000620	c	20	A	M000656	M000620	C	2
A . #	M000621				В	 	 	c	19	Ā		M000620	C	24	c	M 000654	M000620	c	17	В	M000656	M000620	С	19
A [±]	M000621		C	20		M 000657	M000620	c	17	A#			C	20	В	 		c		A ^H	M000 656	M000620	C.	2
В	M000621	M000620	C	19	C C	+	M 0 0 0 6 2 0		30			M 000620	C	19	C#		M000620 M000620	D	19 30	c -	M000656		С	1:
		 		-	4		M000620	D		B C*	M000655 M000655	M000620 M000620	<u> </u>	30		M000654				¢"			0	-
C		M 000 620		17	D*	M 000657		D	29		†			-	D*	M000654	M000620	D	31		M000656	M000620	ם	3
C.		M000620	D	30	D		M000 620	D	31	С		M000620	С	17			M000620	D	29	D#	M000656	M000620		3
D		M000620	D	31	E		M000 620	D	32	D D#		M000620	D	31	E	M000654	M000620	D	32	F	M000656	M000620	D	2
	M000621		D	29	F	M000657		D	27			M000620	0	29	FF	M000654	M000620	D	26	E	M000656	M000620	D	1
Ε	M 000621	M 000620	D	32	F*		M000620	D	26	E	M000655		D	32	G	M000654	M000620 M000620	D	27	F			D	3
			<u> </u>		G	M000657		D	25		M 000 655	1	D	27	G#	M000654		D	25			M000620		2
	M000621		D	27	A	M 000657	M000620	Ε	39	G		M000630	D	25		M000654	M000620	E	38	G G#		M000620	D	13
F	M 0 0 0 6 2 1	Marine Marine	D	26	G"	M000657	M 00 0620	E	38	F"		M000 620	D	26	A	M000654	M000620	E	39			M000620	Ε	L
G	M 000621		D _	25	Α"	M000657	M 000620	Ε	37	G#	+-	M000620	Ε	38	A*	M000654	M000620	E	37	Α_	M000656		Ε	13
G#	M 0 0 0 6 2 1		E	38	В	M000657	M 00 0 6 2 0	Ε	40	_A	M000655	M000620	Ε	39	С	M000654	M000620	E	35	В	M 000 656	M000620	Ε	14
A	M000621	M000620	E	39	C	M 000657		Ε	35	Α*	M000655	1 .	Ε	37	В	M000654	M000 620	E	40	A*	M000656	M000620	Ε	3
Α"	M 00 0621		E	37	C#	M000857		E	34	8		M000620	E.	40	C _R	M000654	M000620	Ε	34	С	M 000656	M000620	Ε	3
В	M 0 0 0 6 2 1	M000621	E	40	D #	M 000657	M000620	F	46	C#		M000620	E	34	_D	M000654	M 000 6 20	E	33	C.	Marie Committee of the	M000620	Ę	3
		ļ			D	M000657	M000620	E	33	С	M000655	M 00 0 620	E	35	D*	M000654	M000620	F	46	D		M000620	E	3
C	M 000621		1	35	Ε	M 000657	M000620	F	47	D	M000655	M 000 620	Ε	33	E	M 000 654	M000 620	F	47	D*	M000656	M000620	F	4
C*	M 000621	M000620	Ε	34	F	M 000657	M 000620	F	48	D *	M000655	M000620	F	46	F#	M 000 654	M000620	F	44	F	M000 656	M000620	F	1
D	M 000621	M000620	Ε	33	F#	M000657	M000620	F	44	Ε	M000655	M000620	F	47	F	M000654	M000620	F	48	Ε	M000656	M 000 620	F	4
D#	M 000 621	M 000620	F	46	G	M000657	M000620	F	43	F	M 000 655	M000 620	F	48	G	M000654	M000620	F	43	F	M000656	M000620	F	4
E	M 0 00 621			47	A			F	42	G		M000620	F	43	G*	M000654	M000620	F	41	G	M000656	M 000 6 20	F	4
)	1	1	1	6 1	M000657	M000620	F	41	FE	M000655	M000620	F	LL	Α	M000654	M000620	F	42	G*		M000620	F	4
>	M000621	M 000620	1	18	Y.K	M000657	M 000620	c	18	64		M000620	F	41	A.	M000654	M000 620	С	18	Α	M 000656		F	4
F	M 000621		F	44	В	M 000657	M000620	D	28	A	M000655	M000620	F	42	С	M000654	M000 620	E	36	В	M000656		D	2
G		M000620	F	43	С		+	E	36	A	M000655	M000620	С	18	В		M000620	D	28	ΑĦ		M000620	С	1
G#		M000620	E	41	C H			F	45	В	M000655	M 000620	D	28	C	1	M000620	F	45	С	M000656	1	E	3
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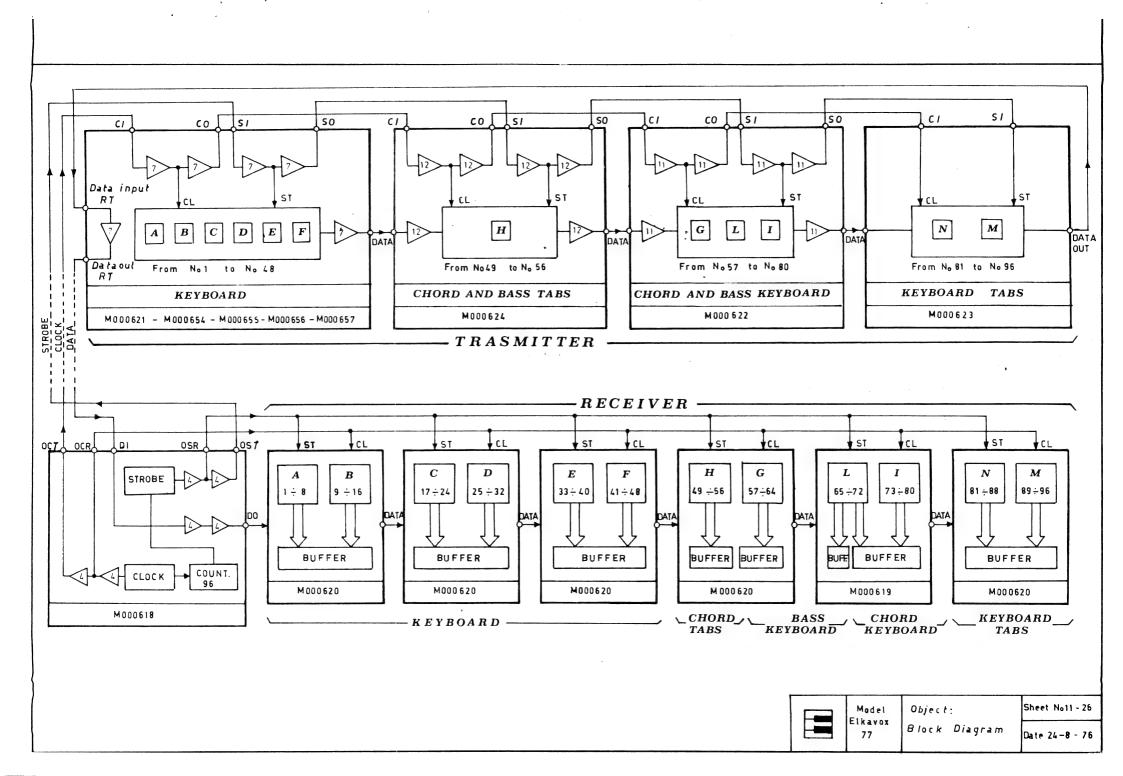
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	Ca	M000622	M 000 6 20	G	58
	D	M 0 0 0 6 2 2	M000 620	G	59
	Da	M000622	M000 620	G	60
	E	M000622	M000 620	G	61
S	F	M000622	M000 620	G	62
BAS	FS	M000622	M000 620	6	63
Ř	G	M000622	M000 620	G	64
	G₩	M000622	M 000 619	L	69
	Α	M000622	M000 619	L	70
	A	M000622	M000 619	L	71
	В	M000622	M000619	L	72
	С	M000622	M000519		73
	C	M 0 0 0 6 2 2	M000619		74
	D	M000622	M000619	1	75
•	D#	M000622	M000619	1 1	76
7	E	M000622	M000619	1	80
7	F	M 000 622	M000619	11	79
7.	F	M000622	M000619	1 1	78
сновр	G	M000622	M000619	1	77
•	G"	M000622	M000619	L	65
	Α	M 000 622	M000619	L	66
	A	M000622	M000619	L	67
	В	M000622	M000619	l L	68

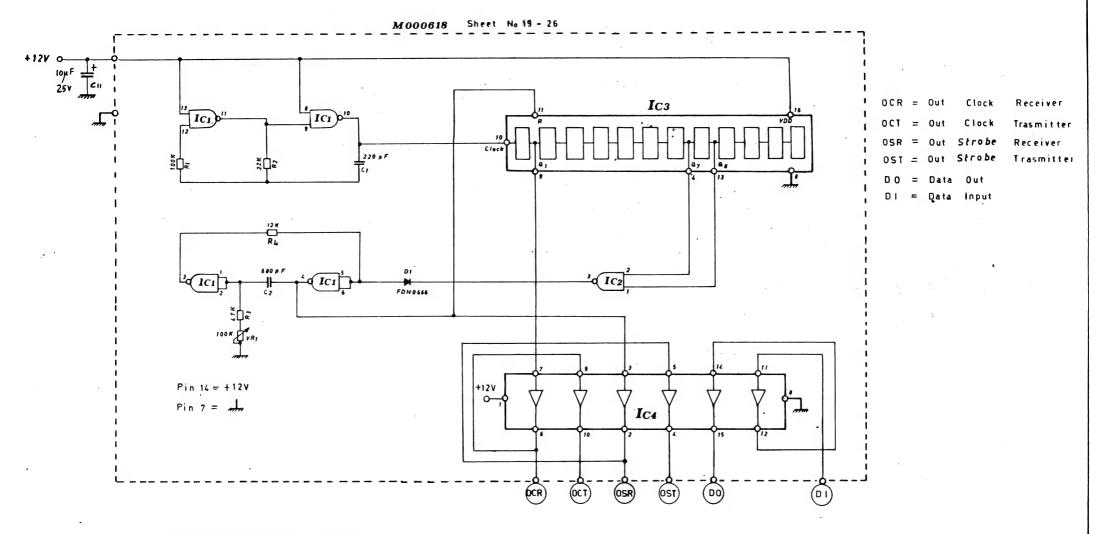
	Code	Code	grated	ن يُ
	Trasmitter	Receiver	Reference Integrate	Referenc Noin P. C
	P. C.	P. C.	nteg	Refer
			ء ج	జ్ వ
CHORD PIANO (KCHP)	M000624	M000620	Н	51
CHORD FLUTE (KCF)	M000 624	M 000 620	Н	5 2
BRUSH (BR)	M000 624	M000620	Н	56
BASS (KB)	M000624	M000620	H	55
BASS PIANO (KBP)	M000624	M000620	Н	54
BASS SUSTAIN (BS)	M000624	M000 620	Н_	_53
CHORD SUSTAIN (KSC)	M000624	M000620	н	49
CHORD STRINGS (KCS)	M000624	M 000 620	Ιн.	50
STRINGS (KS)	M 000 623	M 00 0 620	_ N	84
REPEAT (KRP)	M000623	M000620	_ N	_88
VIBRATO (KOV)	M000 623	M000620	_N	87
VIOLONCELLO (KV)	M 000 623	M000620	N	85
PIANO (KP)	M 000 623	M000620	N_	81
CLAVICHORD (KC)	M 000 623	M000620	N	82
FLUTE 16' (K16)	M000623	M 000 620	М	96
FLUTE 8' (K8)	M000623	M000620	M	92
FLUTE 4' (K4)	M000623	M000620	М	95
FLUTE 2%'(K2%)	M 000 623	M000620	M	94
PERC. 8' (KP8)	M000623	M000620	М	93
PERC 4' (KP4)	M000623	M000620	М	89
PERC 25 KP25	M000 623	M000620	М	90
PERC LONG SHORT (LS)		M000620	М	91
PERCUSSION (CP)	M000621	M000620	Α	7
	_	_		10
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Model Elkavox 77

Object: Sheet No10-26
Reference
Chart Date 23-8-76



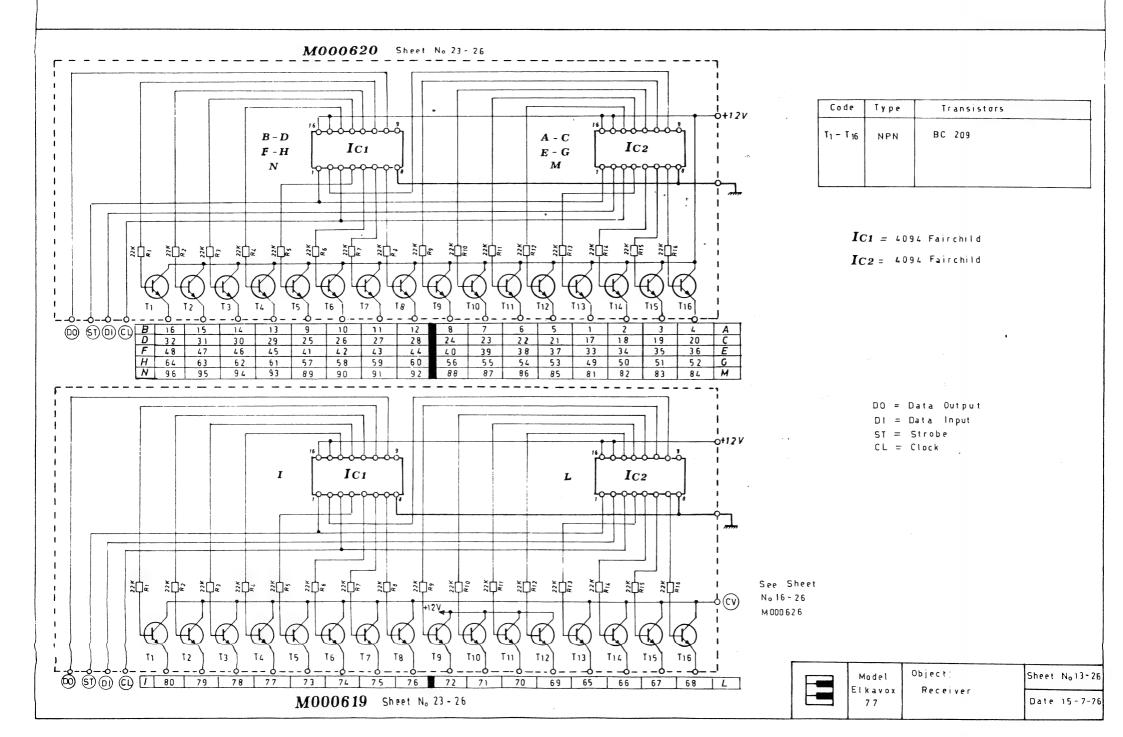


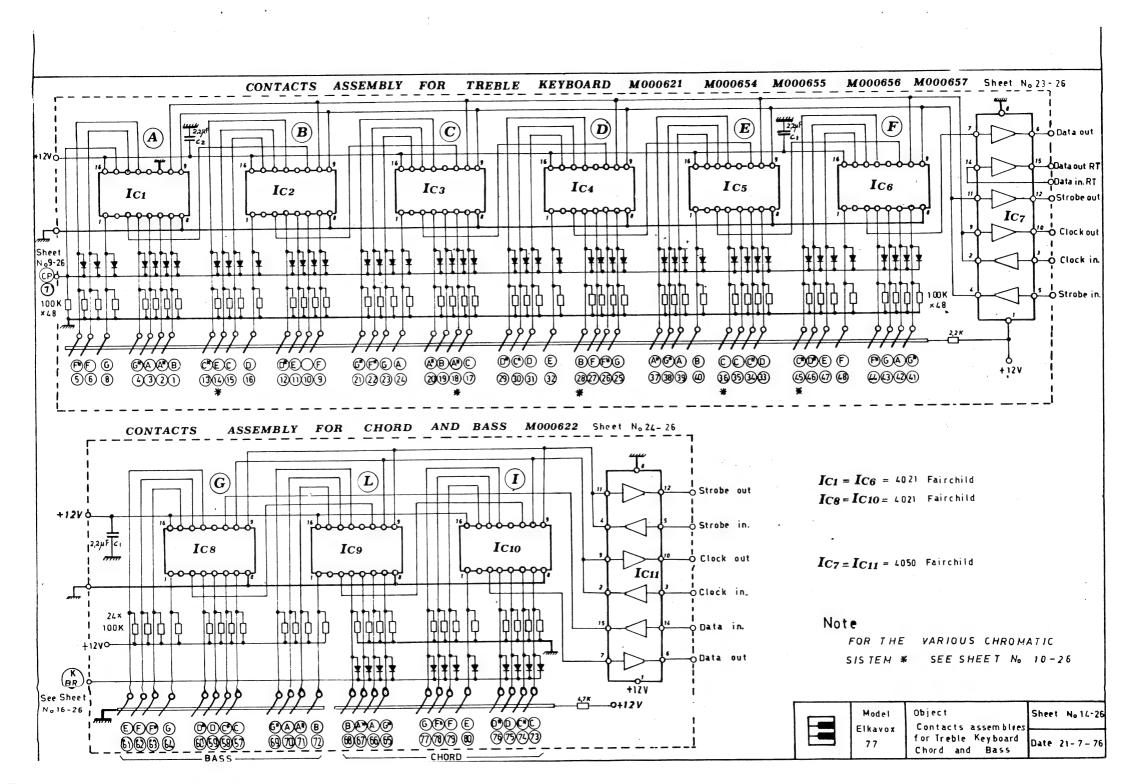
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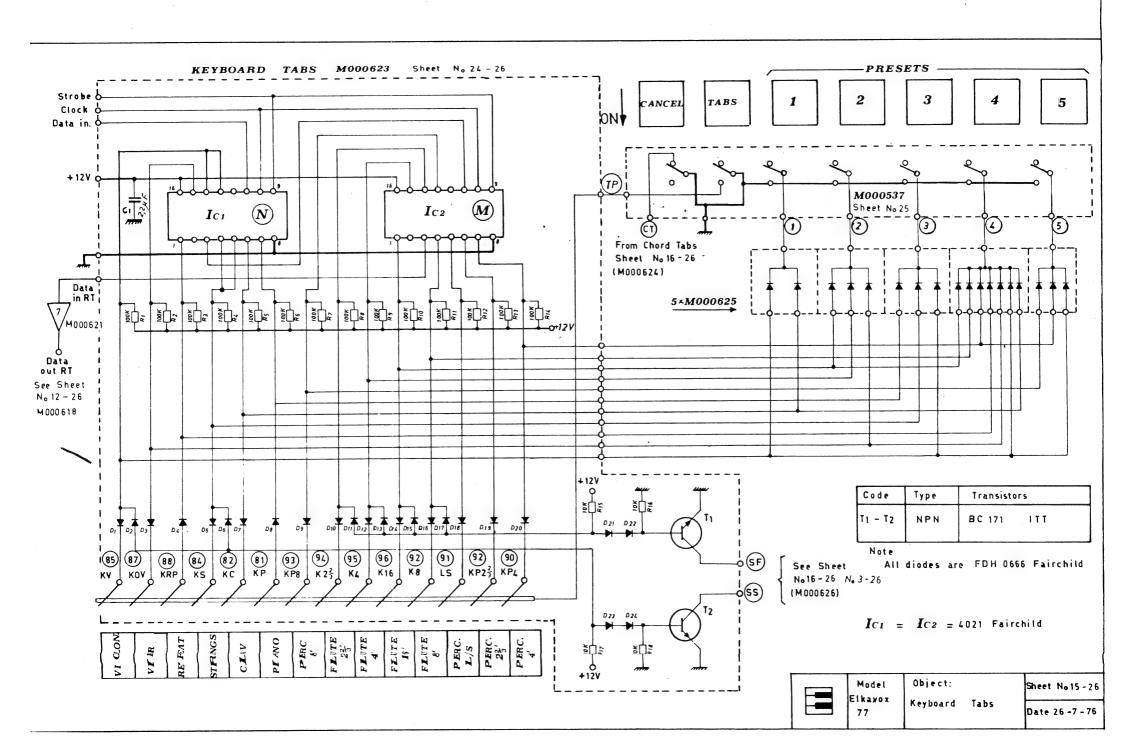
IC3 = CD 4040 R.C.A.

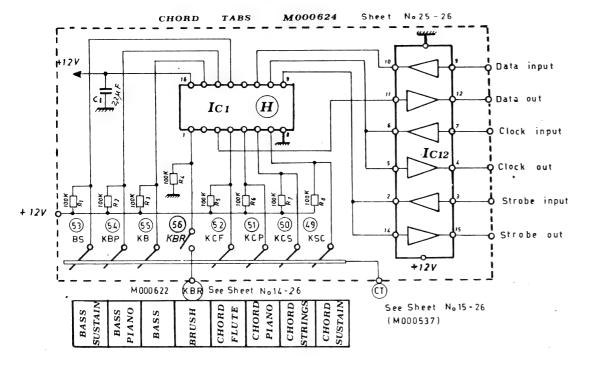
IC4 = F4050 Fairchild

Ctherman		Sheet No12-26
Etkavox 77	Clock Trasmitter	Date 14 - 7 - 76









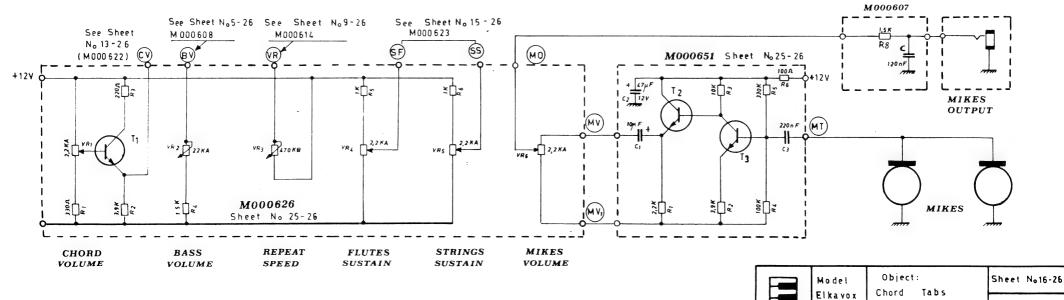
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T ₁	NPN	BC 286 S.G.S.
T2 - T3	NPN	BC 173 ITT

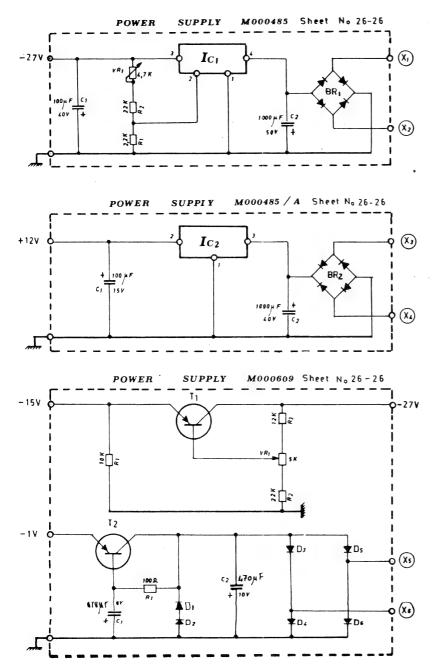
Date 27-8-76

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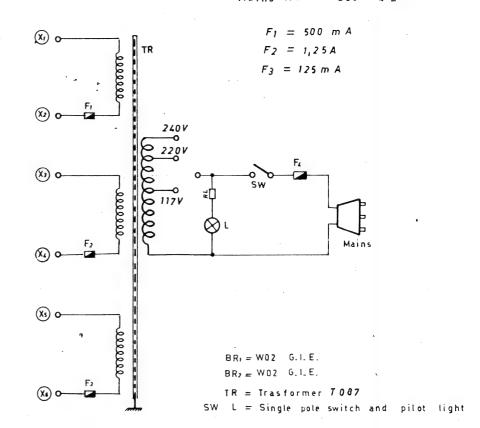
IC12 = 4050 Fairchild

77





Mains 240 - 220 V Fuse $F_4 = 500 \text{ m A}$ Mains 117 Fuse $F_4 = 1 \text{ A}$

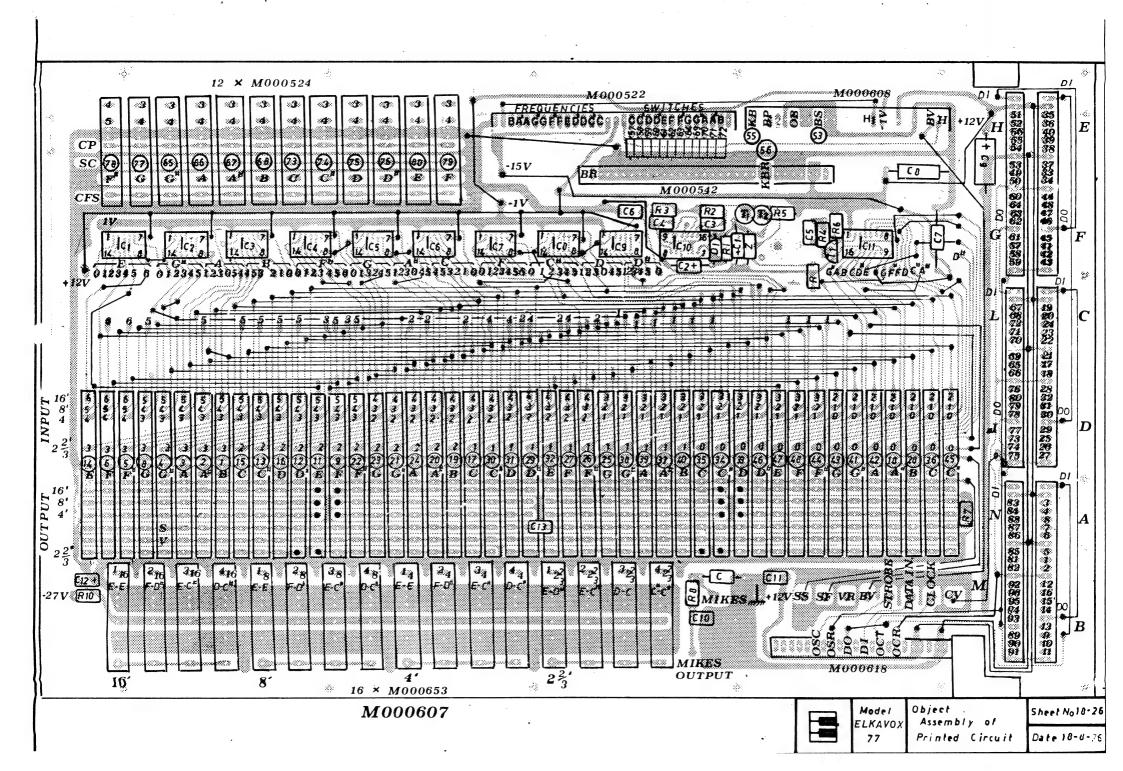


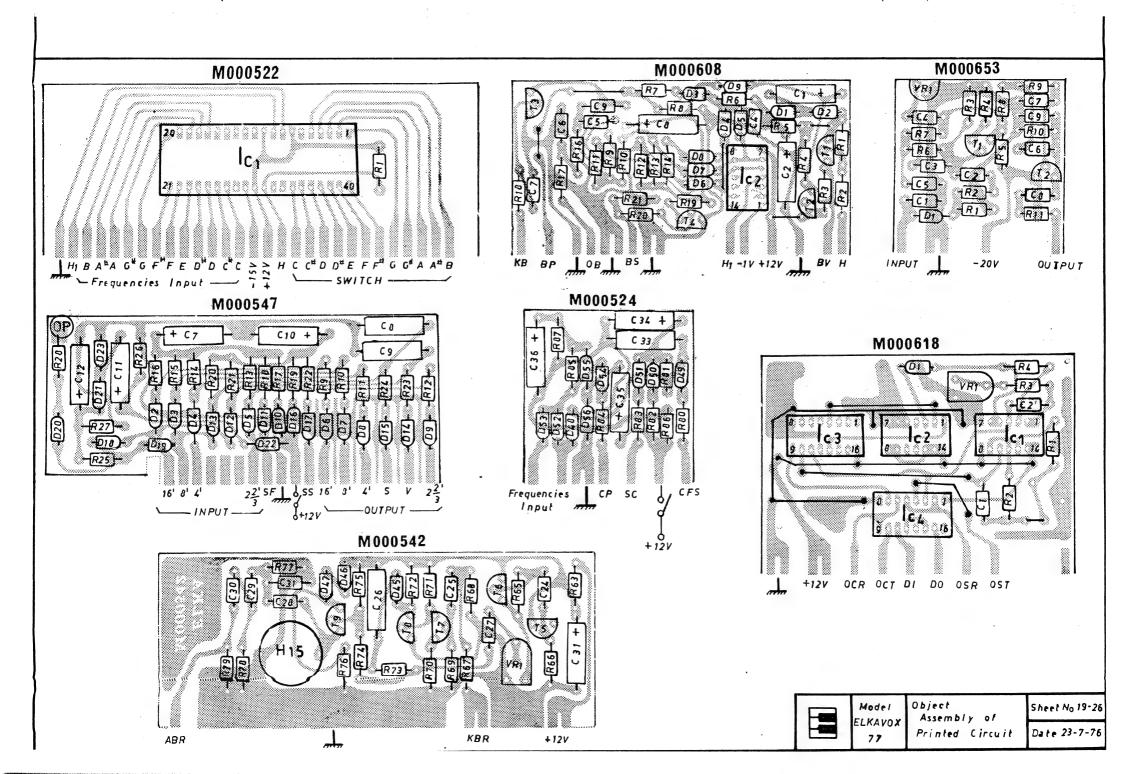
Code	Туре	Transistors
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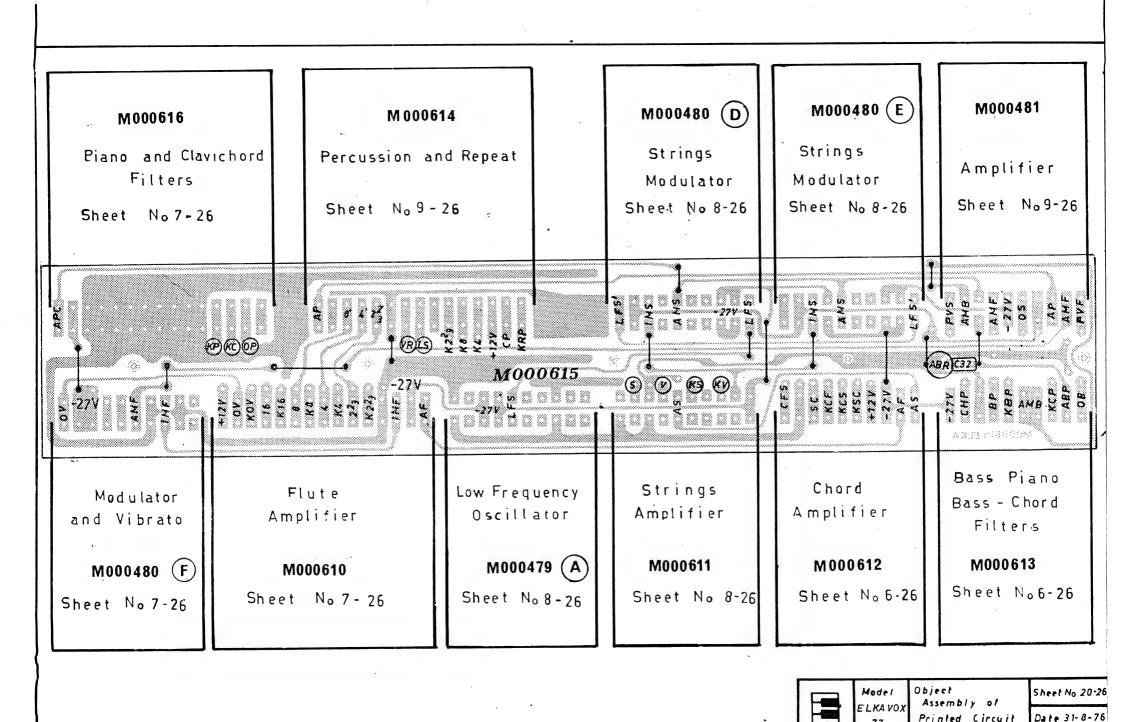
 $D_1 = D_2 = FDH \ 0666 \ Fairchild$ $D_3 \div D_6 = 1N4001 \ 1.T. T.$

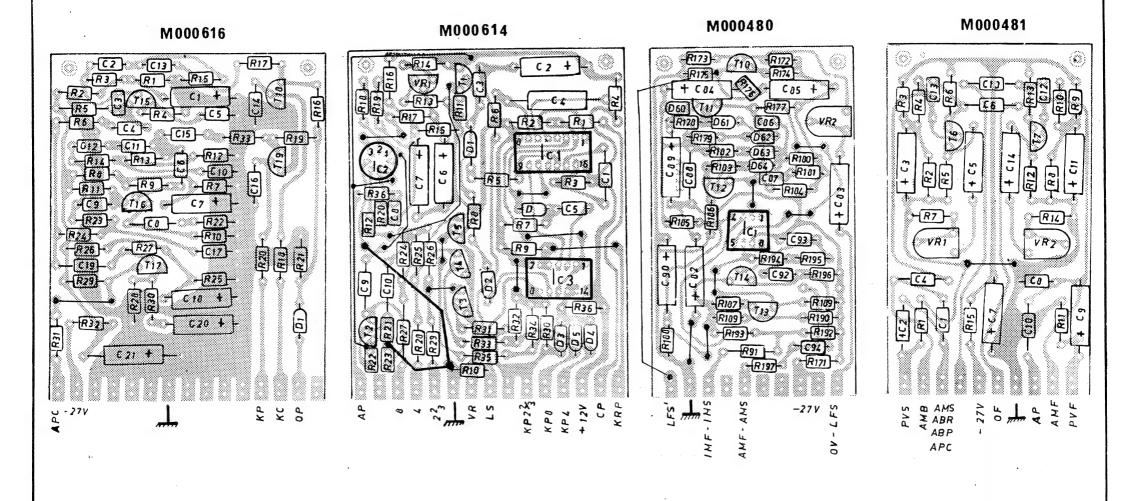
 $I_{C1} = \mu A79 MG$ Fairchild $I_{C2} = \mu A7812UC$ Fairchild

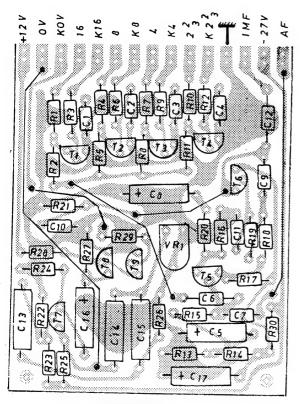
Model	Object:	Sheet N 17-26			
Elkavox 77	Power Supply	Date 30-8-76			

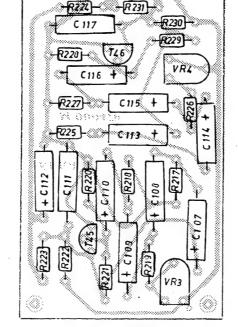


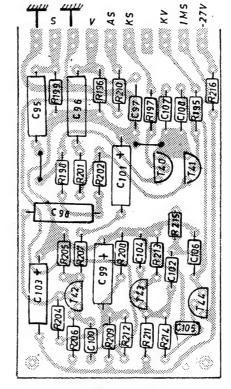


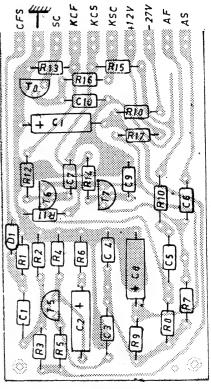










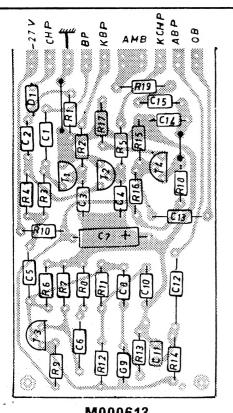


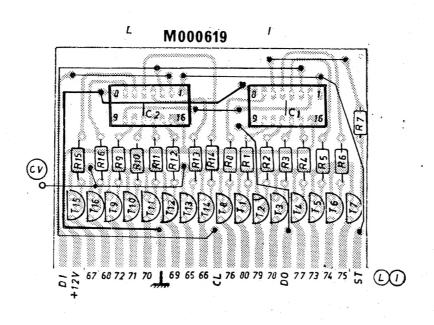
M000610

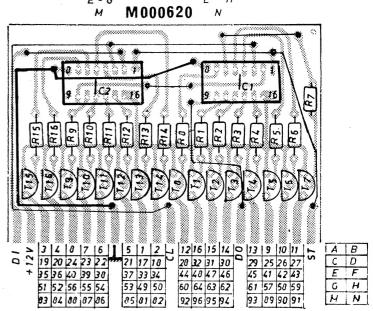
M000479

M000611

M000612

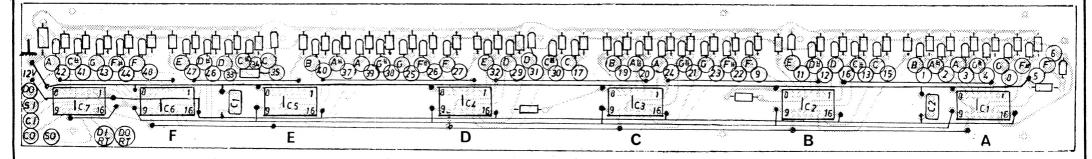






M000613

M000621

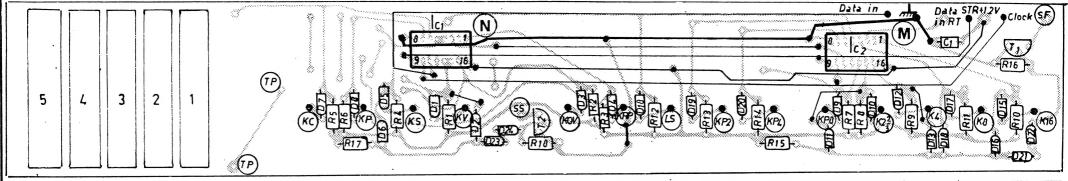


Object Assembly of

Sheet No 23-26 Date 6-9-76

Printed Circuit

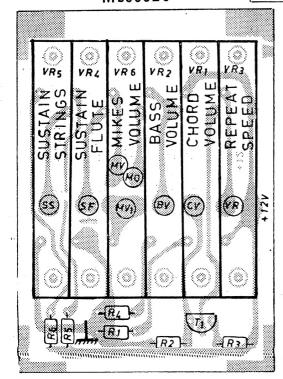


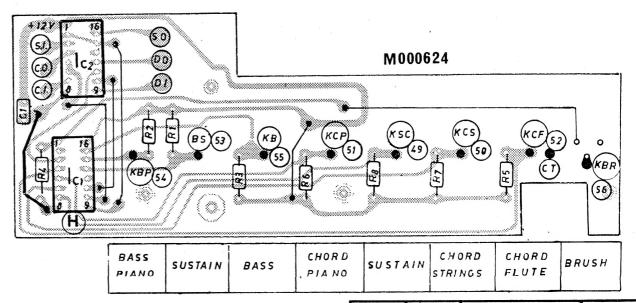


M000626

CLAYI CHORD PIANO STRINGS VIOLON.

PERC. PERC. FLUTE PERC. PERC. FLUTE FLUTE FLUTE VIBRATO REPEAT 2 2 23 4' 8' 4' 8 ' 16' LONG.



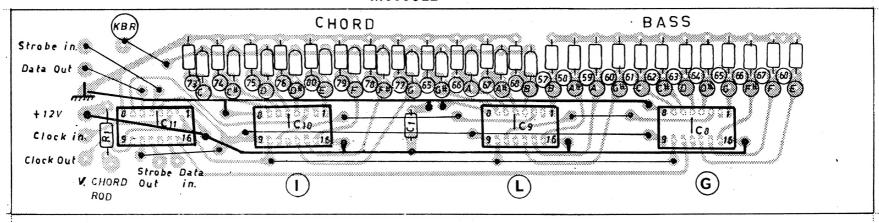


Model Object
ELKAVOX Assembly of
77 Printed Circuit

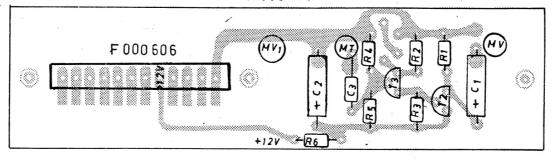
Sheet No24-26

Date 6-9-76

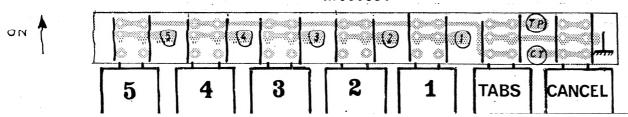
M000622



M000651

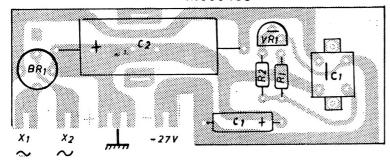


M000537

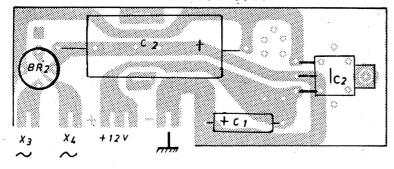


	Object Assembly of	Sheet		
ELKAVOX 27	Printed Circuit	Date 7		

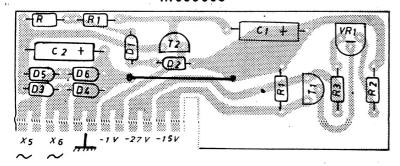
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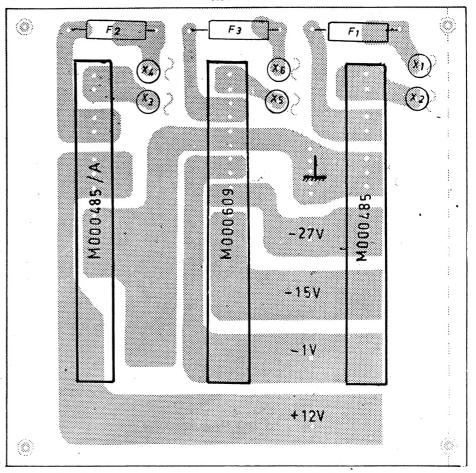
M000485/A



M000609



M000617





Model ELKAVO 77 Object Assembly of Printed Circuit Sheet No 26-26

Date 7-9-76